

CLAIMS

1. Energy-imparting amino acid composition or amino acid solution containing glutamine comprising proline, alanine, valine, isoleucine, lysine and the glutamine.

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2. The energy-imparting amino acid composition or amino acid solution as claimed in claim 1, wherein the respective amino acids are contained in such ratios as 4 to 30 moles of the proline, 0.1 to 12 moles of the alanine, 4 to 8 moles of the valine, 3 to 9 moles of the isoleucine, 5 to 11 moles of the lysine and 0.1 to 4 moles of the glutamine.

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3. Energy-imparting amino acid composition or amino acid solution containing glutamine comprising proline, alanine, valine, isoleucine, lysine, the glutamine and citric acid.

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4. The energy-imparting amino acid composition or amino acid solution as claimed in claim 3, wherein the respective amino acids are contained in such ratios as 4 to 30 moles of the proline, 0.1 to 12 moles of the alanine, 4 to 8 moles of the valine, 3 to 9 moles of the isoleucine, 5 to 11 moles of the lysine, 0.1 to 4 moles of the glutamine and 5 to 50 moles of the citric acid.

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5. The energy-imparting amino acid composition or amino

acid solution as claimed in any one of claims 1 to 4, further comprising a glutamine-stabilizing sugar.

6. The energy-imparting amino acid composition or amino
5 acid solution as claimed in any one of claims 1 to 5, further comprising at least one of CoQ10 and vitamin-mix RD-V.

7. Energy-imparting amino acid composition or amino acid
solution containing glutamine comprising a plurality of essential
10 amino acids, the glutamine and a glutamine-stabilizing sugar.